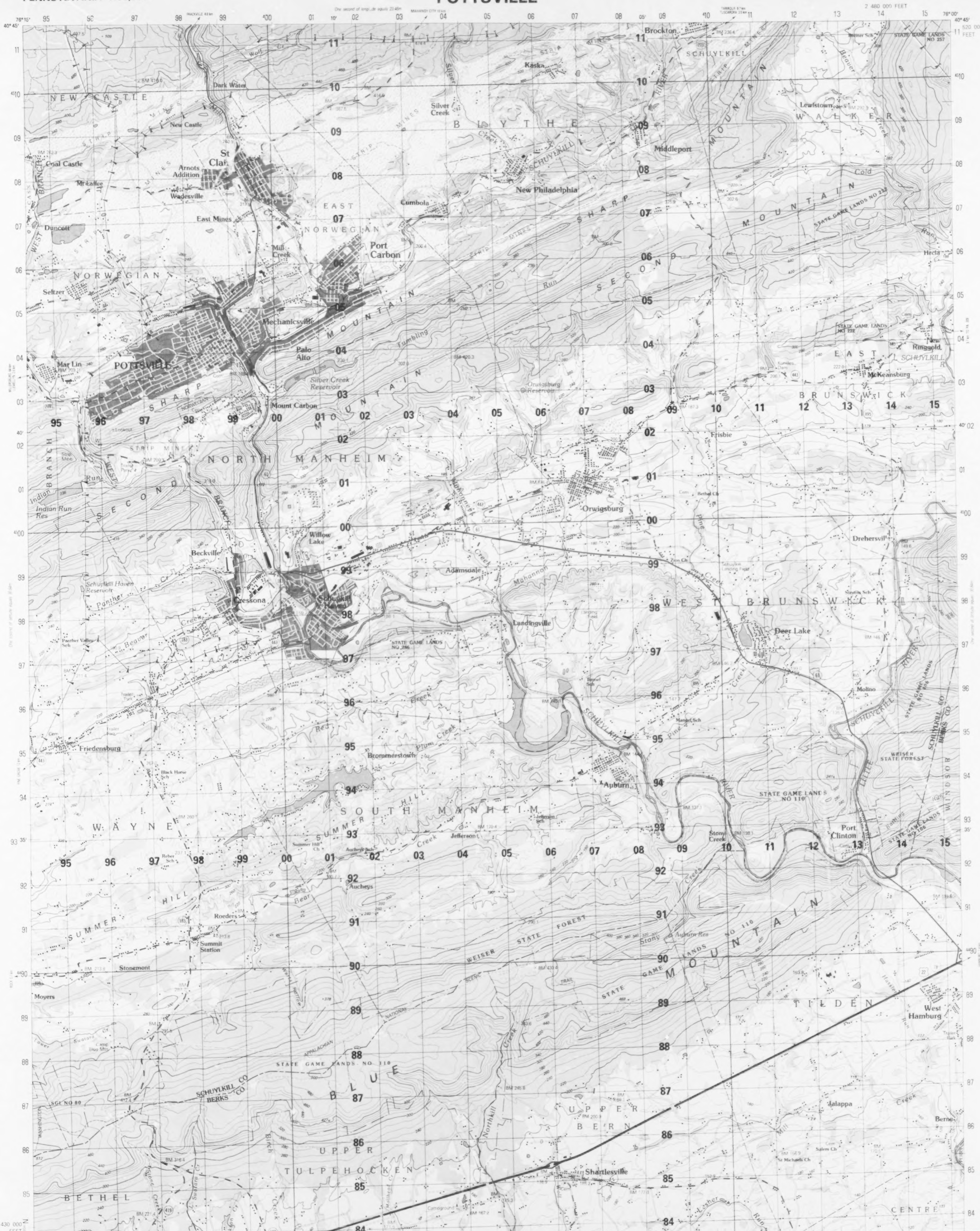
PENNSYLVANIA 1:50,000

POTTSVILLE

EDITION 1-DMA SERIES V731 SHEET 5765 II



Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

VEGETATION DATE 1983-84-OTHER INFORMATION 1976-1979.

SCALE 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.

A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

ROADS
- Divided highway with median strip
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Route markers: Interstate, Federal, State
- Bridge

RAILROADS (Standard gauge 1.44m - 4'8½")
- Single track
- Multiple track (2 TRACKS)
- Nonoperating
- Railroad station: Location known, Location unknown
- Car line
- Railroad bridge
- Tunnel: Highway, Railroad

BOUNDARIES
- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, State, Military (MIL RES)

- Power transmission line
- Buildings
- Structures
- Church, School
- Power substation
- Windmill, Watermill
- Well, Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented (BM × 219.2)
- Bench mark, non-monumented (× 143.9)
- Spot elevations in meters (· 144)
- Levees, rims, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees, Scrub
- Vineyard, Orchard, plantation
- Intermittent lake, Dam: Earthen, Masonry
- Stream: Perennial, Intermittent
- Marsh, swamp
- Small falls, Large falls
- Small rapids, Large rapids

CONVERSION GRAPH

(1 meter = 3.28 feet)

ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

ELLIPSOID	CLARKE 1866
GRID	1,000-METER UTM ZONE 18 (BLACK NUMBERED LINES) 10,000-FOOT STATE GRID TICKS, PENNSYLVANIA (SOUTH ZONE)
PROJECTION	TRANVERSE MERCATOR
VERTICAL DATUM	NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM	1927 NORTH AMERICAN DATUM
CONTROL BY	USGS AND NOS/NOAA
PREPARED BY	U.S. GEOLOGICAL SURVEY
PUBLISHED BY	DMAHTC 6-89

FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

SAMPLE 1,000 METER GRID SQUARE

100,000 M. SQUARE IDENTIFICATION

GRID ZONE DESIGNATION 18T

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point 45 6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: VV123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 18TVV123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER, ATTN: PR, WASHINGTON D.C. 20315-0030.

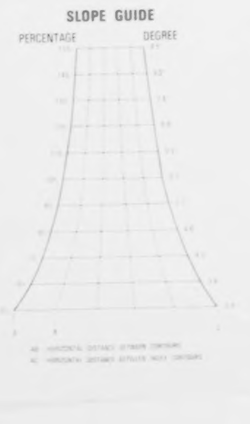
1985 G-M ANGLE 10° (180 MILS)

GRID CONVERGENCE 0°44' (13 MILS) FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

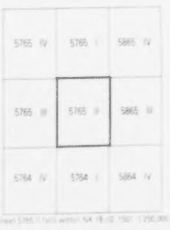
SLOPE GUIDE



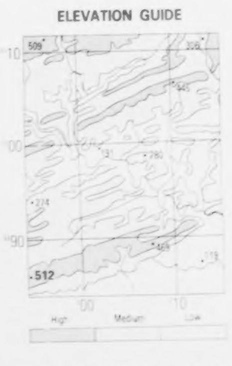
BOUNDARIES

1 Schuylkill County
2 Berks County

ADJOINING SHEETS



ELEVATION GUIDE



THIS MAP IS RED-LIGHT READABLE

USGS 40076-E1-TM-050
DMA STOCK NO. V731X57652

POTTSVILLE, PENNSYLVANIA 5765 II V731 EDITION 1-DMA

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